

First Hit

L1: Entry 9 of 23

File: PGPB

Jan 10, 2002

DOCUMENT-IDENTIFIER: US 20020004587 A1

TITLE: Multivalent antibodies and uses therefor

Detail Description Paragraph:

[0129] "Antibody fragments" comprise only a portion of an intact antibody, generally including an antigen binding site of the intact antibody and thus retaining the ability to bind antigen. Examples of antibody fragments encompassed by the present definition include: (i) the Fab fragment, having VL, CL, VH and CH1 domains; (ii) the Fab' fragment, which is a Fab fragment having one or more cysteine residues at the C-terminus of the CH1 domain; (iii) the Fd fragment having VH and CH1 domains; (iv) the Fd' fragment having VH and CH1 domains and one or more cysteine residues at the C-terminus of the CH1 domain; (v) the Fv fragment having the VL and VH domains of a single arm of an antibody; (vi) the dAb fragment (Ward et al., Nature 341, 544-546 (1989)) which consists of a VH domain; (vii) isolated CDR regions; (viii) F(ab')₂ fragments, a bivalent fragment including two Fab' fragments linked by a disulphide bridge at the hinge region; (ix) single chain antibody molecules (e.g. single chain Fv; scFv) (Bird et al., Science 242:423-426 (1988); and Huston et al., PNAS (USA) 85:5879-5883 (1988)); (x) "diabodies" with two antigen binding sites, comprising a heavy chain variable domain (VH) connected to a light chain variable domain (VL) in the same polypeptide chain (see, e.g., EP 404,097; WO 93/11161; and Hollinger et al., Proc. Natl. Acad. Sci. USA, 90:6444-6448 (1993)); (xi) "linear antibodies" comprising a pair of tandem Fd segments (VH-CH1-VH-CH1) which, together with complementary light chain polypeptides, form a pair of antigen binding regions (Zapata et al. Protein Eng. 8(10):1057-1062 (1995); and U.S. Pat. No. 5,641,870).

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L1: Entry 23 of 23

File: USPT

Dec 1, 1992

DOCUMENT-IDENTIFIER: US 5168057 A

TITLE: Trifunctional conjugates

Detailed Description Text (4):

Specific binding partner: the larger molecule or substance in a complex or conjugate in which the specific binding partner specifically binds to a smaller molecule. The specific binding partner has a specific binding affinity for the ligand to the exclusion of other substances. The specific binding partner may be naturally occurring or artificially manipulated. Antibody fragments, for example, are included within this definition.